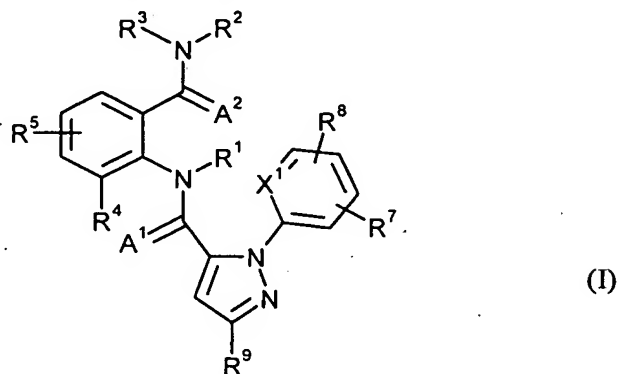


1. A composition comprising a synergistically effective active compound combination of anthranilamides of the formula (I)



A^1 and A^2 independently of one another represent oxygen or sulfur,

R¹ represents hydrogen or represents in each case optionally mono- or polysubstituted C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl or C₃-C₆-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R⁶, halogen, cyano, nitro, hydroxyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₂-C₄-alkoxycarbonyl, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-cycloalkylamino, (C₁-C₄-alkyl)C₃-C₆-cycloalkylamino and R¹¹,

R² represents hydrogen, C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₃-C₆-cycloalkyl, C₁-C₄-alkoxy, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-cycloalkylamino, C₂-C₆-alkoxycarbonyl or C₂-C₆-alkylcarbonyl,

R³ represents hydrogen, R¹¹ or represents in each case optionally mono- or polysubstituted C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₃-C₆-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R⁶, halogen, cyano, nitro, hydroxyl, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₂-C₆-alkoxycarbonyl, C₂-C₆-alkylcarbonyl, C₃-C₆-trialkylsilyl, R¹¹, phenyl, phenoxy and a 5- or 6-membered heteroaromatic ring, where each phenyl, phenoxy and 5- or 6-membered heteroaromatic ring may optionally be substituted and where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹², or

R^2 and R^3 may be attached to one another and form the ring M ,

- 5 R^4 represents hydrogen, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_3 - C_6 -cycloalkyl, C_1 - C_6 -haloalkyl, C_2 - C_6 -haloalkenyl, C_2 - C_6 -haloalkynyl, C_3 - C_6 -halocycloalkyl, halogen, cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkyl-
 10 sulfinyl, C_1 - C_4 -haloalkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino, C_3 - C_6 -trialkylsilyl or represents in each case optionally mono- or polysubstituted phenyl, benzyl or phenoxy, where the substituents independently of one another may be selected from the group consisting of C_1 - C_4 -alkyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkynyl, C_3 - C_6 -cycloalkyl, C_1 - C_4 -haloalkyl, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkynyl, C_3 - C_6 -halocycloalkyl, halogen, cyano, nitro, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino, C_3 - C_6 -(alkyl)-
 15 cycloalkylamino, C_2 - C_4 -alkylcarbonyl, C_2 - C_6 -alkoxycarbonyl, C_2 - C_6 -alkylaminocarbonyl, C_3 - C_8 -dialkylaminocarbonyl and C_3 - C_6 -trialkylsilyl,
- 20 R^5 and R^8 in each case independently of one another represent hydrogen, halogen or represent in each case optionally substituted C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl, R^{12} , G, J, -OJ, -OG, -S(O)_p-J, -S(O)_p-G, -S(O)_p-phenyl, where the substituents independently of one another may be selected from one to three radicals W or from the group consisting of R^{12} , C_1 - C_{10} -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_1 - C_4 -alkoxy and C_1 - C_4 -alkylthio, where each substituent may be substituted by one or more substituents independently of one another selected from the group consisting of G, J, R^6 , halogen, cyano, nitro, amino, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulfinyl, C_1 - C_4 -haloalkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -trialkylsilyl, phenyl and phenoxy, where each phenyl or phenoxy ring may optionally be substituted and where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R^{12} ,
- 30 G in each case independently of one another represent a 5- or 6-membered nonaromatic carbocyclic or heterocyclic ring which optionally contains one or two ring members from the group consisting of C(=O), SO and S(=O)₂ and which may optionally be substituted by one to four substituents independently of one another selected from the group consisting of C_1 - C_2 -alkyl, halogen, cyano, nitro and C_1 - C_2 -alkoxy, or independently of one another represent C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_3 - C_7 -cycloalkyl, (cyano) C_3 - C_7 -cycloalkyl, (C_1 - C_4 -alkyl) C_3 - C_6 -cycloalkyl, (C_3 - C_6 -
- 35

cycloalkyl)C₁-C₄-alkyl, where each cycloalkyl, (alkyl)cycloalkyl and (cycloalkyl)-alkyl may optionally be substituted by one or more halogen atoms,

J in each case independently of one another represent an optionally substituted 5- or 6-membered heteroaromatic ring, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹²,

R⁶ independently of one another represent -C(=E¹)R¹⁹, -LC(=E¹)R¹⁹, -C(=E¹)LR¹⁹, -LC(=E¹)LR¹⁹, -OP(=Q)(OR¹⁹)₂, -SO₂LR¹⁸ or -LSO₂LR¹⁹, where each E¹ independently of the others represents O, S, N-R¹⁵, N-OR¹⁵, N-N(R¹⁵)₂, N-S=O, N-CN or N-NO₂,

R⁷ represents hydrogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, halogen, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl,

R⁹ represents C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylsulfinyl or halogen,

R¹⁰ represents hydrogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, halogen, cyano or C₁-C₄-haloalkoxy,

R¹¹ in each case independently of one another represent in each case optionally mono- to trisubstituted C₁-C₆-alkylthio, C₁-C₆-alkylsulfenyl, C₁-C₆-haloalkylthio, C₁-C₆-haloalkylsulfenyl, phenylthio or phenylsulfenyl, where the substituents independently of one another may be selected from the list consisting of W, -S(O)_nN(R¹⁶)₂, -C(=O)R¹³, -L(C=O)R¹⁴, -S(C=O)LR¹⁴, -C(=O)LR¹³, -S(O)_nNR¹³C(=O)R¹³, -S(O)_nNR¹³C(=O)LR¹⁴ and -S(O)_nNR¹³S(O)₂LR¹⁴,

L in each case independently of one another represent O, NR¹⁸ or S,

R¹² in each case independently of one another represent -B(OR¹⁷)₂, amino, SH, thio-cyanato, C₃-C₈-trialkylsilyloxy, C₁-C₄-alkyl disulfide, -SF₅, -C(=E)R¹⁹, -LC(=E)R¹⁹, -C(=E)LR¹⁹, -LC(=E)LR¹⁹, -OP(=Q)(OR¹⁹)₂, -SO₂LR¹⁹ or -LSO₂LR¹⁹,

Q represents O or S,

R¹³ in each case independently of one another represent hydrogen or represent in each case optionally mono- or polysubstituted C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl or C₃-C₆-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R⁶, halogen, cyano, nitro, hydroxyl, C₁-C₄-alkoxy, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-cycloalkylamino and (C₁-C₄-alkyl)C₃-C₆-cycloalkylamino,

R¹⁴ in each case independently of one another represent in each case mono- or polysubstituted C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₂-C₂₀-alkynyl or C₃-C₆-cycloalkyl, where the substituents independently of one another may be selected from the

group consisting of R^6 , halogen, cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino and $(C_1$ - C_4 -alkyl) C_3 - C_6 -cycloalkylamino or represent optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R^{12} ,

R^{15} in each case independently of one another represent hydrogen or represent in each case mono- or polysubstituted C_1 - C_6 -haloalkyl or C_1 - C_6 -alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulfinyl, C_1 - C_4 -haloalkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_2 - C_6 -alkoxycarbonyl, C_2 - C_6 -alkylcarbonyl, C_3 - C_6 -trialkylsilyl and optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R^{12} , or $N(R^{15})_2$ represents a cycle which forms the ring M,

R^{16} represents C_1 - C_{12} -alkyl or C_1 - C_{12} -haloalkyl, or $N(R^{16})_2$ represents a cycle which forms the ring M,

R^{17} in each case independently of one another represent hydrogen or C_1 - C_4 -alkyl, or $B(OR^{17})_2$ represents a ring, where the two oxygen atoms are attached via a chain to two or three carbon atoms which are optionally substituted by one or two substituents independently of one another selected from the group consisting of methyl and C_2 - C_6 -alkoxycarbonyl,

R^{18} in each case independently of one another represent hydrogen, C_1 - C_6 -alkyl or C_1 - C_6 -haloalkyl, or $N(R^{13})(R^{18})$ represents a cycle which forms the ring M,

R^{19} in each case independently of one another represent hydrogen or represent in each case optionally mono- or polysubstituted C_1 - C_6 -alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulfinyl, C_1 - C_4 -haloalkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, CO_2H , C_2 - C_6 -alkoxycarbonyl, C_2 - C_6 -alkylcarbonyl, C_3 - C_6 -trialkylsilyl and optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W, C_1 - C_6 -haloalkyl, C_3 - C_6 -cycloalkyl or phenyl or pyridyl, each of which is optionally mono- to trisubstituted by W,

M in each case represents an optionally mono- to tetrasubstituted ring which, in addition to the nitrogen atom which is attached to the substituent pair R^{13} and R^{18} ,

(R¹⁵)₂ or (R¹⁶)₂, contains two to six carbon atoms and optionally additionally a further nitrogen, sulfur or oxygen atom, and where the substituents independently of one another may be selected from the group consisting of C₁-C₂-alkyl, halogen, cyano, nitro and C₁-C₂-alkoxy,

W in each case independently of one another represent C₁-C₄-alkyl, C₂-C₄-alkenyl, C₂-C₄-alkynyl, C₃-C₆-cycloalkyl, C₁-C₄-haloalkyl, C₂-C₄-haloalkenyl, C₂-C₄-haloalkynyl, C₃-C₆-halocycloalkyl, halogen, cyano, nitro, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-cycloalkylamino, (C₁-C₄-alkyl)C₃-C₆-cycloalkylamino, C₂-C₄-alkylcarbonyl, C₂-C₆-alkoxycarbonyl, CO₂H, C₂-C₆-alkylaminocarbonyl, C₃-C₈-dialkylaminocarbonyl or C₃-C₆-trialkylsilyl,

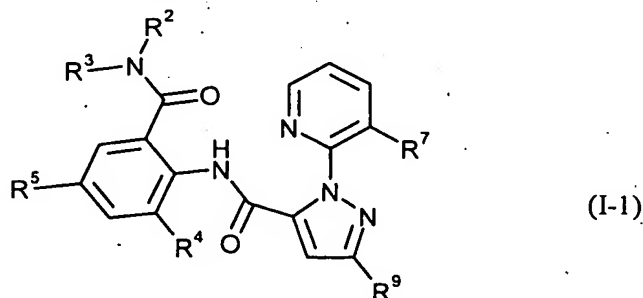
n in each case independently of one another represent 0 or 1,

p \equiv in each case independently of one another represent 0, 1 or 2,

where in the case that (a) R⁵ represents hydrogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio or halogen and (b) R⁸ represents hydrogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, halogen, C₂-C₄-alkylcarbonyl, C₂-C₆-alkoxycarbonyl, C₂-C₆-alkylaminocarbonyl or C₃-C₈ dialkylaminocarbonyl, (c) at least one substituent selected from the group consisting of R⁶, R¹¹ and R¹² is present and (d), if R¹² is not present, at least one R⁶ or R¹¹ is different from C₂-C₆-alkylcarbonyl, C₂-C₆ alkoxycarbonyl, C₂-C₆-alkylaminocarbonyl and C₃-C₈-dialkylaminocarbonyl, and the compounds of the general formula (I) also include N-oxides and salts,

and at least one active compound from the group of the pyrethroids (active compounds of group 2) is synergistically effective and suitable for controlling animal pests.

2. The composition as claimed in claim 1 comprising at least one active compound from the group of the anthranilamides of the formula (I-1) in which



in which

R^2 represents hydrogen or C_1 - C_6 -alkyl,

R^3 represents C_1 - C_6 -alkyl which is optionally substituted by a radical R^6 ,

R^4 represents C_1 - C_4 -alkyl, C_1 - C_2 -haloalkyl, C_1 - C_2 -haloalkoxy or halogen,

R^5 represents hydrogen, C_1 - C_4 -alkyl, C_1 - C_2 -haloalkyl, C_1 - C_2 -haloalkoxy or halogen,

5 R^6 represents $-C(=E^2)R^{19}$, $-LC(=E^2)R^{19}$, $-C(=E^2)LR^{19}$ or $-LC(=E^2)LR^{19}$, where each E^2 independently of the others represents O, S, $N-R^{15}$, $N-OR^{15}$, $N-N(R^{15})_2$, and each L independently of the others represents O or NR^{18} ,

R^7 represents C_1 - C_4 -haloalkyl or halogen,

R^9 represents C_1 - C_2 -haloalkyl, C_1 - C_2 -haloalkoxy, $S(O)_pC_1$ - C_2 -haloalkyl or halogen,

10 R^{15} in each case independently of one another represent hydrogen or represent in each case optionally substituted C_1 - C_6 -haloalkyl or C_1 - C_6 -alkyl, where the substituent independently of one another may be selected from the group consisting of cyano, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulfinyl or C_1 - C_4 -haloalkylsulfonyl,

15 R^{18} in each case represents hydrogen or C_1 - C_4 -alkyl,

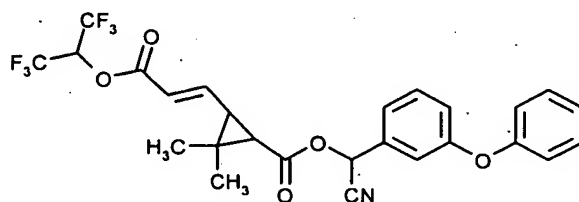
R^{19} in each case independently of one another represent hydrogen or C_1 - C_6 -alkyl,

p independently of one another represents 0, 1, 2.

3. The composition as claimed in claim 1 or 2 comprising at least one active compound from the group of the pyrethroids (active compounds of group 2) selected from

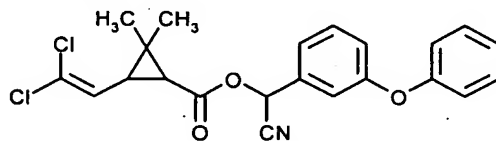
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(2-1) acrinathrin



and/or

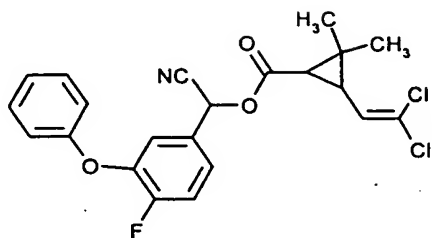
(2-2) alpha-cypermethrin



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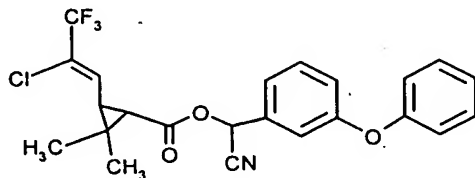
and/or

(2-3) betacyfluthrin



and/or

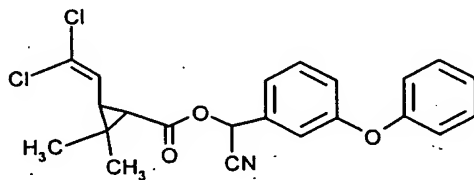
(2-4) cyhalothrin



5

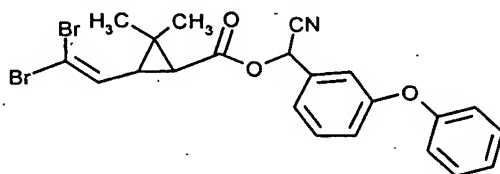
and/or

(2-5) cypermethrin



and/or

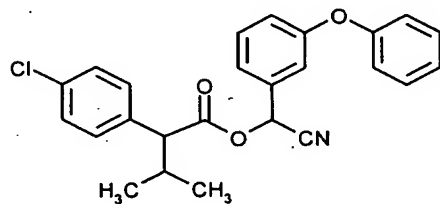
(2-6) deltamethrin



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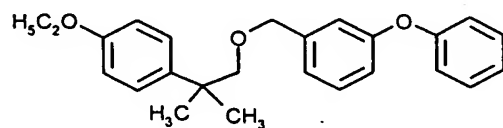
and/or

(2-7) esfenvalerate



and/or

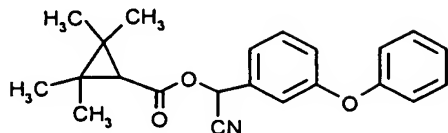
(2-8) ethofenprox



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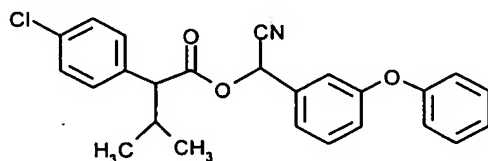
and/or

(2-9) fenpropathrin



and/or

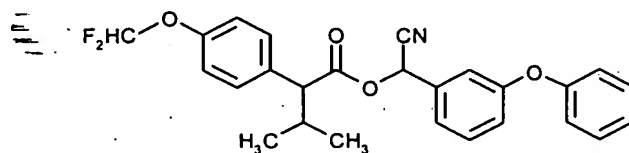
(2-10) fenvalerate



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and/or

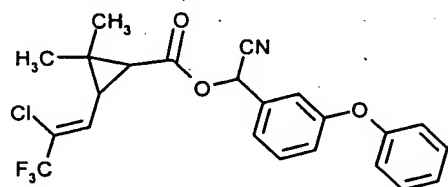
(2-11) flucythrinate



and/or

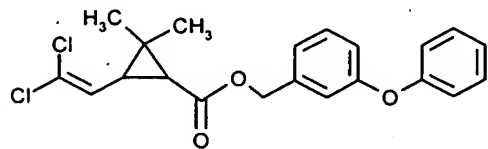
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(2-12) lambda-cyhalothrin



and/or

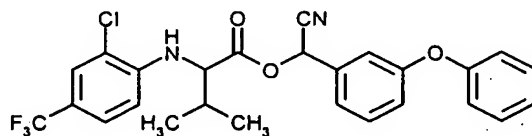
(2-13) permethrin



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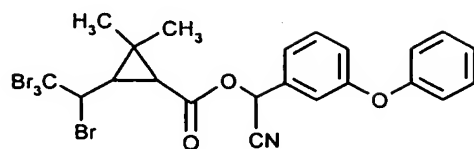
and/or

(2-14) taufluvalinate



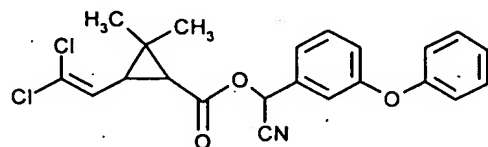
and/or

(2-15) tralomethrin



and/or

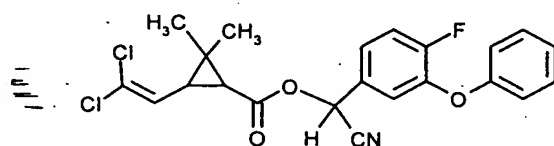
(2-16) zeta-cypermethrin



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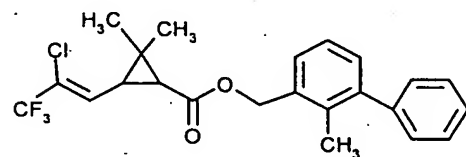
and/or

(2-17) cyfluthrin



and/or

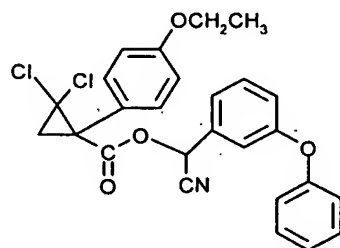
(2-18) bifenthrin



10

and/or

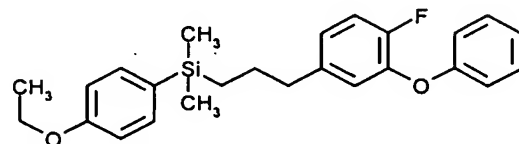
(2-19) cycloprothrin



and/or

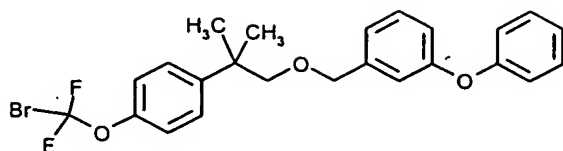
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(2-20) eflusilanate



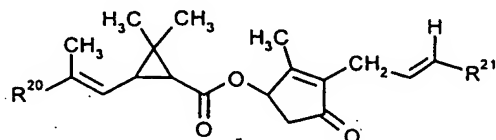
and/or

(2-21) fubfenprox



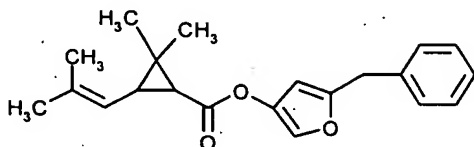
and/or

(2-22) pyrethrin

 $R^{20} = -CH_3 \text{ or } -CO_2CH_3$ $R^{21} = -CH=CH_2 \text{ or } -CH_3 \text{ or } -CH_2CH_3$

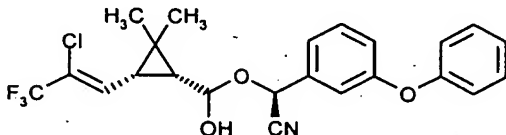
and/or

(2-23) resmethrin



and/or

(2-24) gamma-cyhalothrin



4. The composition as claimed in claim 1, 2 or 3 comprising anthranilamides of the formula (I) and at least one pyrethroid (group 2) in a ratio of from 50:1 to 1:5.
5. The use of a synergistically effective mixture comprising compounds of the formula (I) as set forth in claim 1 or 2 and at least one pyrethroid (group 2) for controlling animal pests.
6. A process for preparing pesticides, characterized in that a synergistically effective mixture comprising compounds of the formula (I) as set forth in claim 1 or 2 and at least one pyrethroid (group 2) are mixed with extenders and/or surfactants.